

Oreo Moon Phases

Purpose: To allow students to see the relationship between the visible and invisible parts of the moon during each moon phase, and to predict future events in the lunar cycle.

TEKS: 8.7B

Directions:

1. Take 4 Oreos and gently pull them apart. Use a knife or popsicle stick to remove small amounts of the filling from the cookies halves to make all 8 moon phases. Put them in order and show your teacher your completed work.
2. Use the space below to draw the lunar cycle with the sun on the left. Be sure to label each phase.



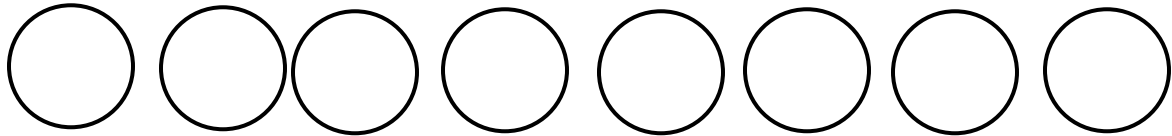
Now draw the cycle with the sun on the opposite side of Earth. Be sure to label each phase.



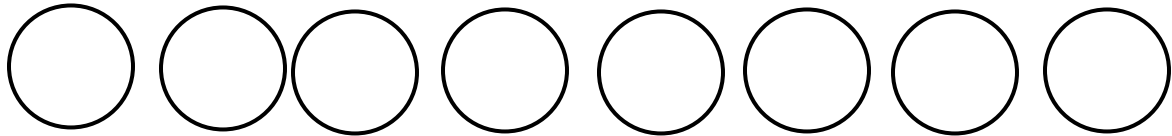
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3. In the spaces below draw the lunar cycle from the specified phase forward.

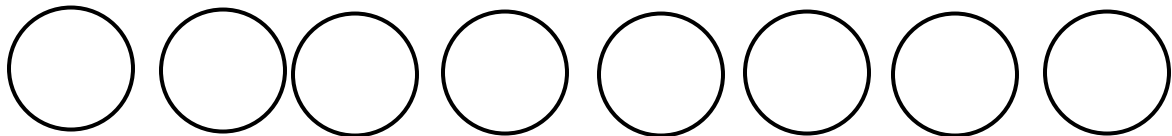
a) 1st Quarter



b) Waning gibbous



c) Waxing crescent



Closing Questions:

1. Which of the sequences below correctly show the moon over a 14 day period?



2. A student sketched the appearance of the moon for several nights. Below is her entry for last night.



What will Laurraine's entry look like in 21 days?

